ABSTRACT

When a failure occurs in a node managing the location
information of mobile node MN, it is possible to resume
packet transfer from correspondent node CN to mobile node
5   MN after the node is restored from the failure, in a mobile
communication network. The mobile communication network
includes a plurality of nodes including a home agent, a
correspondent node, and a mobility anchor point connected
to the network, wherein each node produces a duplication
10   of a binding cache on receipt of location registration
information from a mobile terminal, maintains and manages
the duplication of the binding cache, and on restoration
of the node from a failure, each node obtains the contents
of the binding cache stored before the node failure from
15   the duplicated binding cache.